

Italian citizenship. Two children.  
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🇮🇹 Italian (MT), French (fluent), English (fluent)

✉ CEREMADE–CNRS Université Paris-Dauphine  
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75016 Paris, France

### Research Interests

- Thermal transport in atom chains
- Numerical methods for stochastic partial differential equations
- Nonequilibrium statistical mechanics and thermodynamics

### Programming Skills

- C++, C, Julia, R, MATLAB
- Shell scripting, awk

### Education

- 10/2017 PhD in Applied Mathematics, Université Paris-Dauphine,  
"Nonequilibrium stationary states of rotor and oscillator chains"  
advisors : Stefano Olla, Gabriel Stoltz (ENPC, Paris, France)
- 03/1997 Master in Physics, Università di Roma "La Sapienza",  
"Pb/Ge superlattices and their density of states at the Fermi level" (in Italian)  
advisors : Giovanni B. Bachelet ("La Sapienza"), Stefano de Gironcoli (SISSA, Trieste, Italy)

### Professional Experience

- 01/2023 - CNRS Research Engineer at CEREMADE, Université Paris-Dauphine
- 06/2005 - 12/2022 CNRS Project Engineer at CEREMADE, Université Paris-Dauphine
- 03/2002 - 05/2005 Research Officer at OFCE, Sciences Po, Paris
- 04/1999 - 02/2002 CNRS Engineer at GREDEG,  
Université de Nice Sophia-Antipolis

### Teaching Activities

- 01/2019 - 05/2023 Teaching Assistant for the course of Differential Equations,  
Université Paris-Dauphine
- 09/2009 - 01/2012 Part-time lecturer in Computational Statistics,  
Université Paris-Dauphine
- 02/2010 - 06/2011 Teaching Assistant for the course of Numerical Analysis,  
Université Paris-Dauphine
- 01/2001 - 06/2001 Part-time lecturer in Statistics, EAI CERAM/SKEMA
- 01/2000 - 06/2000 Part-time lecturer in Time Series Analysis,  
Université de Nice Sophia-Antipolis
- 01/1999 - 06/1999 Part-time lecturer in Statistics, I.U.P. Nice

### Publications


Iacobucci, A., S. Olla, G. Stoltz. *Thermo-mechanical transport in rotor chains*, Journal of Statistical Physics, (2021) 183 :26.

Iacobucci, A., S. Olla, G. Stoltz. *Convergence rates for nonequilibrium Langevin dynamics*, Annales mathématiques du Québec. 43, 73–98 (2019).

Galavotti, G., A. Iacobucci, S. Olla. *Nonequilibrium stationary state for a damped rotator*, arXiv : 1310.5379 (2013).

Iacobucci, A., F. Legoll, S. Olla, G. Stoltz. *Negative thermal conductivity of chains of rotors with mechanical forcing*, Phys. Rev. E, vol. 84(6), 061108 (2011).

Iacobucci, A., F. Legoll, S. Olla, G. Stoltz. *Thermal Conductivity of the Toda Lattice with Conservative Noise*, Journal of Statistical Physics vol. 140(2), pp. 336-348 (2010).

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